

MATERIAL SAFETY DATA SHEET

857

(Approved by U.S. Department of Labor as "essentially similar" to Form LSB-00S-4)

SECTION I IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME	AMERICAN CYANAMID COMPANY	EMERGENCY TELEPHONE NO.	(201) 835-3100
ADDRESS	Wayne, NJ 07470		
TRADE NAME AND SYNONYMS	BR-400 Primer		
CHEMICAL NAME AND SYNONYMS	Solution of epoxy resins in methyl ethyl ketone		
CHEMICAL FAMILY	Not applicable	MOLECULAR FORMULA	Not applicable

SECTION II HAZARDOUS COMPONENTS OF MIXTURES

COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)
2-Butanone	80	200 Parts per million

SECTION III PHYSICAL DATA

APPEARANCE AND ODOR	Red liquid with yellow pigment dispersed or on bottom of container; ketone odor		
BOILING POINT (DEGREES FAHRENHEIT)	Not available	SPECIFIC GRAVITY (WATER = 1)	About 0.85
VAPOR PRESSURE (MM. OF MERCURY)	Not available	PERCENT VOLATILE (BY VOLUME)	80
VAPOR DENSITY (AIR = 1)	2.4 (MEK)	EVAPORATION RATE (BUTYL ACETATE = 1)	Not available
SOLUBILITY IN WATER	Appreciable	EVAPORATION RATE (ETHYL ETHER = 1)	Not available

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT)	21 Tag Closed Cup	FLAMMABLE LIMITS (PERCENT BY VOLUME)	LOWER 1.8 (MEK)	UPPER 11.5
FIRE-EXTINGUISHING MEDIA	Dry chemical, carbon dioxide or foam; water spray may be ineffective.			
SPECIAL FIRE-FIGHTING PROCEDURES	Use water to keep fire-exposed containers cool.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

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READ THE BACK

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Not applicable
EFFECTS OF OVEREXPOSURE	Prolonged or repeated contact may cause skin irritation.
EMERGENCY AND FIRST AID PROCEDURES	In case of contact, immediately wash skin with soap and plenty of water.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID	None
	STABLE			
INCOMPATIBILITY (Materials to avoid) No specific incompatibility.				
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may produce carbon monoxide and/or carbon dioxide.				
HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID	None
	WILL NOT OCCUR			

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Remove sources of ignition. Cover with some inert absorbent material, sweep up and place in a waste disposal container. Flush area with water.
WASTE DISPOSAL METHOD	Incinerate or bury in a landfill.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) If concentration exceeds TLV, wear a respirator approved by the U.S. Bureau of Mines for organic vapors.			
VENTILATION	LOCAL EXHAUST	SPECIAL	None
	MECHANICAL (General)	OTHER	
PROTECTIVE GLOVES Rubber or plastic		EYE PROTECTION Splashproof goggles	
OTHER PROTECTIVE EQUIPMENT None			

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Precautions for a Class I flammable liquid
OTHER PRECAUTIONS	Ventilation control must be provided during curing. Provide adequate ventilation or cure in a hood or autoclave.

SECTION X DATE AND SOURCE OF INFORMATION

DATE April 24, 1974	NAME AND TITLE C. Boyd Shaffer, Ph.D. Director of Toxicology	SHEET NUMBER 857
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